

Patent Case No.: 58785US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

st Named Inventor:

NERAD, BRUCE A.

Application No.:

10/624012

Group Art Unit:

2853

Filed:

July 21, 2003

Examiner:

Unknown

Title:

METHOD AND APPARATUS FOR INKJET PRINTING USING RADIATION

CURABLE INK

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents,

P.O. Box 1450, Alexandria, VA 22313-1450 on:

Date

Signed by: Amber Nicholson

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 25, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p), and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723.

Bv:

Respectfully submitted,

Date

Office of Intellectual Property Counsel 3M Innovative Properties Company Facsimile No.: 651-736-3833

NOV. 5, 2003

James D. Christoff, Reg. No.: 31,492

Telephone No.: (651) 733-1512

Substitut f r form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

se as many sheets as necessary)

Page 1 of 3

Applicati n Number	10/624012
Filing Date	July 21, 2003
First Named Invent r	N rad, Bruce A.
Art Unit	2853
Examiner Name	Unknown
Attorney Case Number	58785US002

	U.S. Patent Documents						
Exam. Init.*	Cite No.	Document Number Doc. Number-(Kind Code if Known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	A1	US- 2002/0140794	10-03-2002	Asano et al.	r iguico / ppedi		
	A2	US- 2002/0085056	07-04-2002	Ylitalo			
	A3	US- 4,469,026	09-04-1984	Irwin			
	A4	US- 4,774,523	09-27-1988	Beaufort et al.			
	A5	US- 5,275,646	01-04-1994	Marshall et al.			
	A6	US- 5,349,905	09-27-1994	Taylor et al.			
	A7	US- 5,440,137	08-08-1995	Sowers			
	A8	US- 5,502,464	03-26-1996	Takahashi et al.			
	A9	US- 5,508,826	04-16-1996	Lloyd et al.			
	A10	US- 5,511,477	04-30-1996	Adler et al.			
	A11	US- 5,530,466	06-25-1996	Fujioka et al.			
	A12	US- 5,614,933	03-25-1997	Hindman et al.	-		
	A13	US- 5,721,086	02-24-1998	Emslander et al.			
	A14	US- 5,757,407	05-26-1998	Rezanka			
	A15	US- 5,771,054	06-23-1998	Dudek et al.			
	A16	US- 5,847,743	12-08-1998	Look			
	A17	US- 5,875,287	02-23-1999	Li et al.			
	A18	US- 5,975,677	11-02-1999	Marler et al.			
	A19	US- 5,981,113	11-09-1999	Christian			
	A20	US- 6,039,426	03-21-2000	Dobbs			
	A21	US- 6,082,911	07-04-2000	Murakami			
	A22	US- 6,092,890	07-25-2000	Wen et al.			
	A23	US- 6,114,022	09-05-2000	Warner			
	A24	US- 6,145,979	11-14-2000	Caiger et al.			
	A25	US- 6,248,404	06-19-2001	Greene-Mathis			
	A26	US- 6,350,071	02-26-2002	Conwell et al.			
	A27	US- 6,447,112	09-10-2002	Hu et al.			
	A28	US- 6,517,184	02-11-2003	Bruch et al.			

*	Exa	mi	n	٠,
	EXA	ш	m	Эľ

Date C nsid red:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)

STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 3 of 3

Applicati n Number	10/624012
Filing Date	July 21, 2003
First Nam d Invent r	Nerad, Bruce A.
Art Unit	2853
Examiner Name	Unknown
Attorney Case Number	58785US002

	PATER		Fo	oreign Patent	Documents		
Exam.	Cite	Foreign Patent Document		Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	Translation
Init.*	No.	Ctry. Code	Number-KindCode (If known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	(Check if yes)
	B22	JP	2000211219	02.08.2000			abstract
	B23	JP	10-207978	08.07.1998			abstract
	B24	wo	01/17780	15.03.2001			
	B25	wo	97/27053	31.07.1997			
	B26	wo	97/04964	13.02.1997			
	B27	wo	97/31071	28.08.1997			
	B28	wo	99/08875	25.02.1999			
	B29	wo	99/29788	17.06.1999			
	B30	wo	02/04214	17.01.2002			
	B31	wo	02/078958	10.10.2002			
	B32	wo	02/053382	11.07.2002			
	B33	wo	02/18144	07.03.2002			Х

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				
	C1	Pending U.S. Patent Application Serial No. 10/211027, filed August 2, 2002 (56475US002)				
	C2	Practical Considerations for Using UV Reactive Inks in Piezo DOD Printheads, Richar J. Baker, Spectra Inc., Hanover, New Hampshire, USA, 1999, pp. 111-115				
	C3	Noguchi, Hiromichi, Final Program and Proceedings of IS&T's NIP14: International Conference on Digital Printing Technologies, IS&T – The Society for Imaging Science and Technology, Oct. 1998, UV Curable, Aqueous Ink Jet Ink: Material Design and Performance for Digital Printing, pp. 107-110				

*Exa	mi	n	er
------	----	---	----

Date C nsidered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute f r form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Lee as many sheets as necessary)

Page 2 of 3

Applicati n Number	10/624012
Filing Date	July 21, 2003
First Named Inventor	N rad, Bruce A.
Art Unit	2853
Examiner Name	Unknown
Attorney Case Number	58785US002

	U.S. Patent Documents						
Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date	Name of Patentee	Pages, Columns, Lines, Where		
		Doc. Number-(Kind Code if Known)	MM-DD-YYYY	or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
	A29	US- 6,543,890	04-08-2003	Ylitalo et al.			
	A30	US- 6,550,906	04-22-2003	Ylitalo			
	A31	US- 6,554,414	04-29-2003	Ylitalo et al.			
	A32	US- 6,595,615	07-22-2003	Ylitalo			

			Fo	oreign Patent	Documents		
Exam. Init,*	Cite No.	Fore	eign Patent Document Number-KindCode (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Translation (Check if yes)
	B1	EP	0 658 607	21.06.1995		or Relevant Figures Appear	, , , , , , , , , , , , , , , , , , , ,
<u>-</u> -		ļ					
	B2	EP	0 134 591	20.03.1985			
	В3	EP	0 875 382	18.12.2002			
	B4	EP	0 889 639	07.01.1999			
	B5	EP	0 978 390	09.02.2000			
	В6	EP	1 046 511	25.10.2000			
	B7	EP	1 108 553	20.06.2001			
	B8	EP	1 034 936	13.09.2000			
	B9	GB	2 233 928	23.01.1991			
	B10	GB	2 322 597	02.09.1998			
	B11	GB	2 338 212	15.12.1999			
	B12	GB	2 142 579	23.01.1985			
	B13	JP	1-133746	25.05.1989			×
	B14	JP	6-200204	07.19.1994	•		Х
	B15	JP	2002-144555	05.21.2002			×
	B16	JP	11-70645	03.16.1999			abstract
	B17	JP	62-109645	02.20.1987			×
	B18	JP	8-218017	27.08.1996			X
	B19	JP	8-218018	27.08.1996			Х
	B20	JP	2-92642	30.10.1985			Х
	B21	JP	8-218016	27.08.1996			abstract

*Exa	m	ın	Δ	•
		***	v	

Date C nsidered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.